



UTILITY PATENT APPLICATION TRANSMITTAL <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>	Attorney Docket No.	03-C-040 (850063.602)
	First Inventor	Richard A. Blanchard
	Title	INTEGRATED RELEASED BEAM LAYER STRUCTURE FABRICATED IN TRENCHES AND MANUFACTURING METHOD THEREOF
	Express Mail Label No.	EV336610877US

APPLICATION ELEMENTS		ADDRESS TO:	
<i>See MPEP chapter 600 concerning utility patent application contents.</i>			
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i>		Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	
2. <input type="checkbox"/> Applicant claims small entity status. <i>See 37 CFR 1.27.</i>		7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)	
3. <input checked="" type="checkbox"/> Specification [Total Pages <u>22</u>] <i>(preferred arrangement set forth below)</i> <ul style="list-style-type: none"> - Descriptive title of the Invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (<i>if filed</i>) - Detailed Description - Claim(s) - Abstract of the Disclosure 		8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (<i>if applicable, all necessary</i>) <ul style="list-style-type: none"> a. <input type="checkbox"/> Computer Readable Form (CRF) b. <input type="checkbox"/> Specification Sequence Listing on: <ul style="list-style-type: none"> i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> Paper c. <input type="checkbox"/> Statements verifying identity of above copies 	
4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <u>12</u>]		ACCOMPANYING APPLICATION PARTS	
5. Oath or Declaration [Total Sheets <u>2</u>] <ul style="list-style-type: none"> a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) (<i>for a continuation/divisional with Box 18 completed</i>) <ul style="list-style-type: none"> i. <input type="checkbox"/> DELETION OF INVENTOR(S) <i>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</i> 		9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))	
6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76		10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input checked="" type="checkbox"/> Power of (when there is an assignee) Attorney	
		11. <input type="checkbox"/> English Translation Document (<i>if applicable</i>)	
		12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations	
		13. <input type="checkbox"/> Preliminary Amendment	
		14. <input type="checkbox"/> Return Receipt Postcard (MPEP 503) (<i>Should be specifically itemized</i>)	
		15. <input type="checkbox"/> Certified Copy of Priority Document(s) (<i>if foreign priority is claimed</i>)	
		16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.	
		17. <input checked="" type="checkbox"/> Other: <u>Check</u>	

18. If a CONTINUING APPLICATION OR APPLICATION CLAIMING FOREIGN PRIORITY, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) Claims priority from application No.

Prior application information Examiner _____ Group Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Correspondence address below or		Customer Number 30423			
Firm Name					
Address					
City, State, Zip					
Country					
Telephone		Fax			
Name (Print/Type)	David V. Carlson		Registration No. (Attorney/Agent)	31,153	
Signature			Date	November 25, 2003	

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

FEE TRANSMITTAL for FY 2004

Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$ 1,414.00)

Complete If Known	
Application Number	
Filing Date	November 25, 2003
First Named Inventor	Richard A. Blanchard
Examiner Name	
Art Unit	
Attorney Docket No.	03-C-040 (850063.602)

METHOD OF PAYMENT

<input checked="" type="checkbox"/> Payment Enclosed:	<input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other
<input type="checkbox"/> Deposit Account:	Deposit Account Number 19-1090
	Deposit Account Name Seed Intellectual Property Law Group PLLC

The Director is authorized to (check all that apply)

- Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee
 Charge any deficiencies

to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385			Utility filing fee	770
1002	340	2002	170			Design filing fee	
1003	530	2003	265			Plant filing fee	
1004	770	2004	385			Reissue filing fee	
1005	160	2005	80			Provisional filing fee	
SUBTOTAL (1)							(\$ 770)

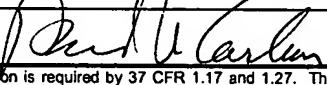
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	44	-20** =	24	*	18	=	432	Extra Claims	Fee from below	Fee Paid
Independent Claims	5	-3** =	2	*	86	=	172			
Multiple Dependent										

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid			
1202	18	2202	9			Claims in excess of 20				
1201	86	2201	43			Independent claims in excess of 3				
1203	290	2203	145			Multiple dependent claim, if not paid				
1204	86	2204	43			** Reissue independent claims over original patent				
1205	18	2205	9			** Reissue claims in excess of 20 and over original patent				
SUBTOTAL (2)							(\$ 604)			

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)									
3. ADDITIONAL FEES	Large Entity	Small							
	Fee Code	Fee (\$)	Fee Code	Fee (\$)					
1051	130	2051	65		Surcharge - late filing fee or oath				
1052	50	2052	25		Surcharge - late provisional filing fee or cover sheet				
1053	130	1053	130		Non-English specification				
1812	2520	1812	2520		For filing a request for ex parte reexamination				
1804	920*	1804	920*		Requesting publication of SIR prior to Examiner action				
1805	1840*	1805	1840*		Requesting publication of SIR after Examiner action				
1251	110	2251	55		Extension for reply within first month				
1252	420	2252	210		Extension for reply within second month				
1253	950	2253	475		Extension for reply within third month				
1254	1480	2254	740		Extension for reply within fourth month				
1255	2010	2255	1005		Extension for reply within fifth month				
1401	330	2401	165		Notice of Appeal				
1402	330	2402	165		Filing a brief in support of an appeal				
1403	290	2403	145		Request for oral hearing				
1451	1510	1451	1510		Petition to institute a public use proceeding				
1452	110	2452	55		Petition to revive – unavoidable				
1453	1330	2453	665		Petition to revive – unintentional				
1501	1330	2501	665		Utility issue fee (or reissue)				
1502	480	2502	240		Design issue fee				
1503	640	2503	320		Plant issue fee				
1460	130	1460	130		Petitions to the Commissioner				
1807	50	1807	50		Processing fee under 37 CFR 1.17(q)				
1806	180	1806	180		Submission of Information Disclosure Stmt				
8021	40	8021	40		Recording each patent assignment per property (times number of properties)			40	
1809	770	2809	385		Filing a submission after final rejection (37 CFR § 1.129(a))				
1810	770	2810	385		For each additional invention to be examined (37 CFR § 1.129(b))				
1801	770	2801	385		Request for Continued Examination (RCE)				
1802	900	1802	900		Request for expedited examination of a design application				
Other fee (specify) _____									
*Reduced by Basic Filing Fee Paid							SUBTOTAL (3)		(\$ 40)

SUBMITTED BY		Customer Number
Name (Print/Type)	David V. Carlson	31,153
Signature		30423

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.